RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: _10/550,797_
Source: _/FWO_
Date Processed by STIC: _8/28/06_

ENTERED

RAW SEQUENCE LISTING   DATE: 08/28/2006
PATENT APPLICATION: US/10/550,797   TIME: 09:26:32

        Input Set : **F:\seq_210121_609uspc.app.txt**
        Output Set: **N:\CRF4\08282006\J550797.raw**

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     3  <110> APPLICANT: Zehentner-Wilkinson, Barbara K.
     4        Hayes, Dawn
     5        Houghton, Raymond L.
     7  <120> TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
     8        AND MONITORING OF LUNG CANCER
    10  <130> FILE REFERENCE: 210121.609USPC
    12  <140> CURRENT APPLICATION NUMBER: US 10/550,797
C-->13  <141> CURRENT FILING DATE: 2005-09-22
    15  <160> NUMBER OF SEQ ID NOS: 34
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94 <212> TYPE: PRT
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101              20                  25                  30
102 Val Gln Leu Gln Asp Asn Gly Tyr Asn Gly Leu Leu Ile Ala Ile Asn
103          35                  40                  45
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108 Phe Phe Arg Asn Ile Lys Ile Leu Ile Pro Ala Thr Trp Lys Ala Asn
109              85              90                      95
110 Asn Asn Ser Lys Ile Lys Gln Glu Ser Tyr Glu Lys Ala Asn Val Ile
111              100             105                     110
112 Val Thr Asp Trp Tyr Gly Ala His Gly Asp Asp Pro Tyr Thr Leu Gln
113         115             120                 125
114 Tyr Arg Gly Cys Gly Lys Glu Gly Lys Tyr Ile His Phe Thr Pro Asn
115      130             135             140
116 Phe Leu Leu Asn Asp Asn Leu Thr Ala Gly Tyr Gly Ser Arg Gly Arg
117 145             150             155                     160
118 Val Phe Val His Glu Trp Ala His Leu Arg Trp Gly Val Phe Asp Glu
119              165             170                     175
120 Tyr Asn Asn Asp Lys Pro Phe Tyr Ile Asn Gly Gln Asn Gln Ile Lys
121          180             185                 190
122 Val Thr Arg Cys Ser Ser Asp Ile Thr Gly Ile Phe Val Cys Glu Lys
123          195             200                 205
124 Gly Pro Cys Pro Gln Glu Asn Cys Ile Ile Ser Lys Leu Phe Lys Glu
125      210             215             220
126 Gly Cys Thr Phe Ile Tyr Asn Ser Thr Gln Asn Ala Thr Ala Ser Ile
127 225             230             235                     240
128 Met Phe Met Gln Ser Leu Ser Ser Val Val Glu Phe Cys Asn Ala Ser
129              245             250                     255
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131          260             265                 270
132 Arg Ser Ala Trp Asp Val Ile Thr Asp Ser Ala Asp Phe His His Ser
133          275             280                 285
134 Phe Pro Met Asn Gly Thr Glu Leu Pro Pro Pro Pro Thr Phe Ser Leu
135      290             295                 300
136 Val Glu Ala Gly Asp Lys Val Val Cys Leu Val Leu Asp Val Ser Ser
137 305             310             315                     320
138 Lys Met Ala Glu Ala Asp Arg Leu Leu Gln Leu Gln Gln Ala Ala Glu
139              325             330                 335
140 Phe Tyr Leu Met Gln Ile Val Glu Ile His Thr Phe Val Gly Ile Ala
141              340             345                 350
142 Ser Phe Asp Ser Lys Gly Glu Ile Arg Ala Gln Leu His Gln Ile Asn
143          355             360                 365
144 Ser Asn Asp Asp Arg Lys Leu Leu Val Ser Tyr Leu Pro Thr Thr Val
145      370             375             380
146 Ser Ala Lys Thr Asp Ile Ser Ile Cys Ser Gly Leu Lys Lys Gly Phe
147 385             390             395               . 400
148 Glu Val Val Glu Lys Leu Asn Gly Lys Ala Tyr Gly Ser Val Met Ile
149              405             410                     415
150 Leu Val Thr Ser Gly Asp Asp Lys Leu Leu Gly Asn Cys Leu Pro Thr
151          420             425                 430
152 Val Leu Ser Ser Gly Ser Thr Ile His Ser Ile Ala Leu Gly Ser Ser
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153           435                    440                    445
154 Ala Ala Pro Asn Leu Glu Glu Leu Ser Arg Leu Thr Gly Gly Leu Lys
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156 Phe Phe Val Pro Asp Ile Ser Asn Ser Asn Ser Met Ile Asp Ala Phe
157 465                    470                    475                    480
158 Ser Arg Ile Ser Ser Gly Thr Gly Asp Ile Phe Gln Gln His Ile Gln
159                    485                    490                    495
160 Leu Glu Ser Thr Gly Glu Asn Val Lys Pro His His Gln Leu Lys Asn
161                    500                    505                    510
162 Thr Val Thr Val Asp Asn Thr Val Gly Asn Asp Thr Met Phe Leu Val
163       515                    520                    525
164 Thr Trp Gln Ala Ser Gly Pro Pro Glu Ile Ile Leu Phe Asp Pro Asp
165       530                    535                    540
166 Gly Arg Lys Tyr Tyr Thr Asn Asn Phe Ile Thr Asn Leu Thr Phe Arg
167 545                    550                    555                    560
168 Thr Ala Ser Leu Trp Ile Pro Gly Thr Ala Lys Pro Gly His Trp Thr
169                    565                    570                    575
170 Tyr Thr Leu Asn Asn Thr His His Ser Leu Gln Ala Leu Lys Val Thr
171                    580                    585                    590
172 Val Thr Ser Arg Ala Ser Asn Ser Ala Val Pro Pro Ala Thr Val Glu
173                    595                    600                    605
174 Ala Phe Val Glu Arg Asp Ser Leu His Phe Pro His Pro Val Met Ile
175       610                    615                    620
176 Tyr Ala Asn Val Lys Gln Gly Phe Tyr Pro Ile Leu Asn Ala Thr Val
177 625                    630                    635                    640
178 Thr Ala Thr Val Glu Pro Glu Thr Gly Asp Pro Val Thr Leu Arg Leu
179                    645                    650                    655
180 Leu Asp Asp Gly Ala Gly Ala Asp Val Ile Lys Asn Asp Gly Ile Tyr
181                    660                    665                    670
182 Ser Arg Tyr Phe Phe Ser Phe Ala Ala Asn Gly Arg Tyr Ser Leu Lys
183       675                    680                    685
184 Val His Val Asn His Ser Pro Ser Ile Ser Thr Pro Ala His Ser Ile
185       690                    695                    700
186 Pro Gly Ser His Ala Met Tyr Val Pro Gly Tyr Thr Ala Asn Gly Asn
187 705                    710                    715                    720
188 Ile Gln Met Asn Ala Pro Arg Lys Ser Val Gly Arg Asn Glu Glu Glu
189                    725                    730                    735
190 Arg Lys Trp Gly Phe Ser Arg Val Ser Ser Gly Gly Ser Phe Ser Val
191                    740                    745                    750
192 Leu Gly Val Pro Ala Gly Pro His Pro Asp Val Phe Pro Pro Cys Lys
193       755                    760                    765
194 Ile Ile Asp Leu Glu Ala Val Lys Val Glu Glu Glu Leu Thr Leu Ser
195       770                    775                    780
196 Trp Thr Ala Pro Gly Glu Asp Phe Asp Gln Gly Gln Ala Thr Ser Tyr
197 785                    790                    795                    800
198 Glu Ile Arg Met Ser Lys Ser Leu Gln Asn Ile Gln Asp Asp Phe Asn
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206 Ala Ile Arg Ala Met Asp Arg Asn Ser Leu Gln Ser Ala Val Ser Asn
207 865             870             875                     880
208 Ile Ala Gln Ala Pro Leu Phe Ile Pro Pro Asn Ser Asp Pro Val Pro
209             885             890                     895
210 Ala Arg Asp Tyr Leu Ile Leu Lys Gly Val Leu Thr Ala Met Gly Leu
211             900             905             910
212 Ile Gly Ile Ile Cys Leu Ile Ile Val Val Thr His His Thr Leu Ser
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225 tgtttctttg ccacggccgc agccgcggcg gccgcagccg ccgcagcggc agcgcagagc 180
226 gcgcagcagc agcagcagca gcagcagcag caggcgccgc agctgagacc ggcggccgac 240
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229 ctgccgcagc agcagccggc cgccgtggcg cgccgcaacg agcgcgagcg caaccgcgtc 420
230 aagttggtca acctgggctt tgccacccctt cgggagcacg tccccaacgg cgcggccaac 480
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247             20              25              30
248 Ala Thr Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Gln
249         35              40              45
250 Ser Ala Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Ala Pro
251     50              55              60
252 Gln Leu Arg Pro Ala Ala Asp Gly Gln Pro Ser Gly Gly Gly His Lys
253 65              70              75              80
254 Ser Ala Pro Lys Gln Val Lys Arg Gln Arg Ser Ser Ser Pro Glu Leu
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date